

Amendment Under 37 C.F.R. § 1.111
U.S. Application No.: 10/694,772

Atty Dkt No.: 71450.00009

AMENDMENTS TO THE CLAIMS:

1. (Currently amended) A flexible wired circuit board for temperature measurement comprising:

a conductor layer; and

a base insulating layer formed in a generally rectangular, flat, strip-shape, and having generally rectangular, flat, widened end portions, said base insulating layer being formed entirely on one side of said conductor layer;

wherein the conductor layer is formed from a metal foil having a proportional relation between temperature and specific electric resistance; and

wherein said conductor layer includes a temperature detecting portion formed when said conductor layer is formed as a wiring portion and arranged in a predetermined pattern on said base insulating layer; and

wherein the temperature detecting portion is formed on the base insulating layer at the generally rectangular, flat, widened end portions.

2. (Previously presented) The flexible wired circuit board for temperature measurement according to claim 1, wherein the conductor layer is a stainless foil.

3. (Previously presented) The flexible wired circuit board for temperature measurement according to claim 1, wherein said wiring portion includes a wiring folded in such a continuous form that adjacent parts of the wiring extending in parallel are spaced apart from each other at a predetermined interval.

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4. (Previously presented) The flexible wired circuit board for temperature measurement according to claim 3, wherein the wiring in the temperature detecting portion has an entire length of 50 mm or more.

5. (Previously presented) The flexible wired circuit board for temperature measurement according to claim 3, wherein the adjacent parts of the wiring in the temperature detecting portion are spaced apart from each other at a pitch of 100 μ m or more.

6-17. (Canceled)

18. (Currently amended) A flexible wired circuit board for temperature measurement comprising:

a conductor layer formed from a stainless foil;

a base insulating layer formed from a polyimide film and formed in a generally rectangular, flat, strip-shape, and having generally rectangular, flat, widened end portions, said base insulating layer being formed on one side of said conductor layer; and

~~a conductor layer formed from a stainless foil, and formed on said base insulating layer; and~~

a cover insulating layer formed from a polyimide film, and formed on another side of said conductor layer;

wherein said conductor layer, comprising a main wiring portion for wiring and a sensor-wiring portion for detecting temperature, is formed in one piece in a form of a predetermined pattern; and

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wherein the temperature detecting portion is formed on the base insulating layer at the generally rectangular, flat, widened end portions.